

Brone  
Attorney Docket No. 1140-3  
09/663,620

2/12/04

PP-1652  
Patent  
Express Mail No. EV 409245284 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Jay M. Short  
Serial No.: 09/663,620  
Filed: September 15, 2000  
For: Combinatorial Screening of Mixed Populations of Organisms  
Examiner: Nashaat T. Nashed

Group Art Unit: 1652  
Confirmation No. 2110

TRANSMITTAL LETTER

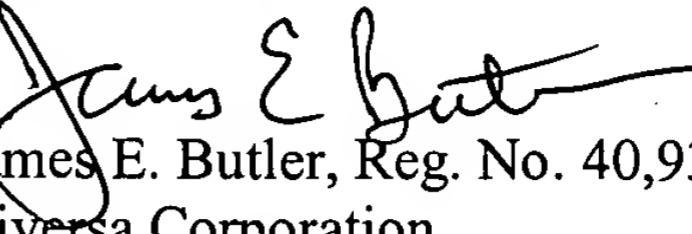
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In connection with the above referenced United States Patent Application, Applicant herewith submits the following for consideration by the Untied States Patent Office.

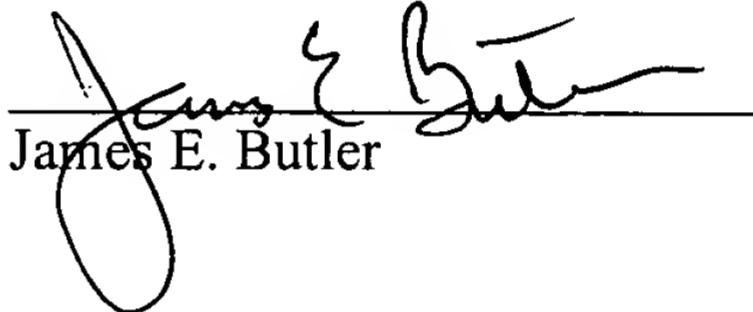
<u>Document</u>	<u>Pages</u>
Response Under 37 CFR 1.111 with Petition for Extension of Time	18
Fee Transmittal Form (PTO/SB/17) plus copy	2
Terminal Disclaimer over U.S. Patent 5,939,250	1
Terminal Disclaimer over U.S. Patent 5,958,672	1
Terminal Disclaimer over U.S. Patent Application 09/375,605	1
Statement Under 37 CFR 3.73(b)	1
Appendix A	3
Appendix B	1
Appendix C	1
Appendix D	1
Information Disclosure Statement (Form 1449/PTO modified)	2
Nine references cited in Form 1449	
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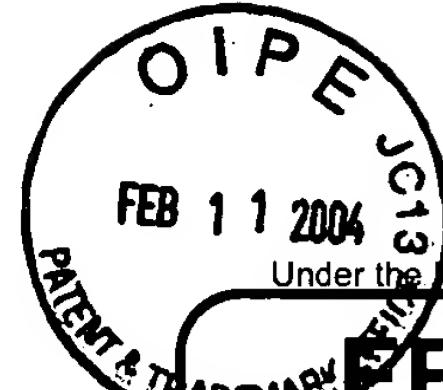
Respectfully submitted,

  
James E. Butler, Reg. No. 40,931  
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Intellectual Property Department  
P.O. Box 910550  
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**CERTIFICATE OF MAILING**

I hereby certify that the above listed correspondence in the application of Jay M. Short, Serial No. 09/663,620, filed September 15, 2000, is being deposited with the United States Postal Service as Express Mail, postage pre-paid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 11th day of February, 2004.

  
James E. Butler



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# FEET TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** **(\$)** 640.00

**Complete if Known**

Application Number	09/663,620
Filing Date	September 15, 2000
First Named Inventor	Short
Examiner Name	Nashed
Art Unit	1652
Attorney Docket No.	1140-3

**METHOD OF PAYMENT (check all that apply)**

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit Account Number **50-0661**  
Deposit Account Name **Diversa Corporation**

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEET CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee			
1002 340	2002 170	Design filing fee			
1003 530	2003 265	Plant filing fee			
1004 770	2004 385	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
<b>SUBTOTAL (1)</b>		<b>(\$)</b> 0			

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	<input type="text"/>	-20** =	<input type="text"/>	X	<input type="text"/>	=	<input type="text"/>
Independent Claims	<input type="text"/>	- 3** =	<input type="text"/>	X	<input type="text"/>	=	<input type="text"/>
Multiple Dependent							<input type="text"/>

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20			
1201 86	2201 43	Independent claims in excess of 3			
1203 290	2203 145	Multiple dependent claim, if not paid			
1204 86	2204 43	** Reissue independent claims over original patent			
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent			
<b>SUBTOTAL (2)</b>		<b>(\$)</b> 0			

\*\*or number previously paid, if greater; For Reissues, see above

**3. ADDITIONAL FEES**

**Large Entity** **Small Entity**

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	475
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)		Terminal Disclaimer (3)	165
*Reduced by Basic Filing Fee Paid		<b>SUBTOTAL (3)</b>	<b>(\$)</b> 640

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	James E. Butler	Registration No. (Attorney/Agent)	40,931	Telephone	(858) 526-5250
Signature				Date	02/11/04

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.